Yaozong Duan

List of Publications by Year
in descending order

23 papers	341 citations	840585 11 h-index	839398 18 g-index
23 all docs	23 docs citations	23 times ranked	241 citing authors

#	Article	IF	Citations
1	Influences of C5 esters addition on anti-knock and auto-ignition tendency of a gasoline surrogate fuel. International Journal of Engine Research, 2022, 23, 1782-1791.	1.4	6
2	Theoretical study on isomerization, decomposition and ring-closure reaction kinetics of methyl pentanoate radicals. Combustion and Flame, 2022, 237, 111848.	2.8	2
3	Diethyl ether oxidation: Revisiting the kinetics of the intramolecular hydrogen abstraction reactions of its primary and secondary peroxy radicals. Fuel, 2022, 326, 125046.	3.4	1
4	Effects of branch structure of alkylbenzenes on spray auto-ignition of n-decane and alkylbenzenes blends. International Journal of Engine Research, 2021, 22, 1636-1651.	1.4	5
5	Influences of isomeric butanol addition on anti-knock tendency of primary reference fuel and toluene primary reference fuel gasoline surrogates. International Journal of Engine Research, 2021, 22, 39-49.	1.4	27
6	An experimental study on spray auto-ignition of RP-3 jet fuel and its surrogates. Frontiers in Energy, 2021, 15, 396-404.	1.2	10
7	An experimental and modeling study on the low-temperature oxidation of methylcyclopentane in a jet-stirred reactor. Fuel, 2021, 293, 120374.	3.4	9
8	Theoretical study on hydrogen abstraction reactions from cyclopentanol by hydroxyl radical. Fuel, 2021, 297, 120766.	3.4	12
9	Theoretical kinetics of hydrogen abstraction reactions from propanol isomers by hydroperoxyl radical: Implication for combustion modeling. Combustion and Flame, 2021, 231, 111495.	2.8	6
10	Effects of butanol blending on spray auto-ignition of gasoline surrogate fuels. Fuel, 2020, 260, 116368.	3.4	13
11	Oxidation kinetics of n-pentanol: A theoretical study of the reactivity of the 1â€‘hydroxyâ€‘1-peroxypentyl radical. Combustion and Flame, 2020, 219, 20-32.	2.8	15
12	Hydraulic dynamics in split fuel injection on a common rail system and their artificial neural network prediction. Fuel, 2019, 255, 115792.	3.4	11
13	Autoignition Comparison of n-Dodecane/Benzene and n-Dodecane/Toluene Blends in a Constant Volume Combustion Chamber. Energy & Fuels, 2019, 33, 5647-5654.	2.5	13
14	Nozzle effects on the injection characteristics of diesel and gasoline blends on a common rail system. Energy, 2018, 153, 223-230.	4.5	18
15	Pressure-Based Approach to Estimating the Injection Start and End in Single and Split Common Rail Injection Processes. Journal of Shanghai Jiaotong University (Science), 2018, 23, 28-33.	0.5	1
16	Macroscopic and microscopic spray characteristics of fatty acid esters on a common rail injection system. Fuel, 2017, 203, 370-379.	3.4	32
17	Numerical study on fuel physical effects on the split injection processes on a common rail injection system. Energy Conversion and Management, 2017, 134, 47-58.	4.4	31
18	Experimental study of the two-stage injection process of fatty acid esters on a common rail injection system. Fuel, 2016, 163, 214-222.	3.4	25

#	ARTICLE	IF	CITATIONS
19	The Effects of Ester Structure on Transient Fuel Spray Characteristics Including Novel Image Analysis to Quantify Air Entrainment. , 2015, , .		0
20	Experimental study on the two stage injection of diesel and gasoline blends on a common rail injection system. Fuel, 2015, 159, 470-475.	3.4	18
21	EXPERIMENTAL STUDY ON INJECTION AND MACROSCOPIC SPRAY CHARACTERISTICS OF ETHYL OLEATE, JET FUEL, AND THEIR BLEND ON A DIESEL ENGINE COMMON RAIL SYSTEM. Atomization and Sprays, 2015, 25, 777-793.	0.3	7
22	Experimental study on injection characteristics of fatty acid esters on a diesel engine common rail system. Fuel, 2014, 123, 19-25.	3.4	38
23	An experimental study of injection and spray characteristics of diesel and gasoline blends on a common rail injection system. Energy, 2014, 75, 513-519.	4.5	41